



23104655

**QP CODE: 23104655**

**Reg No** : .....

**Name** : .....

**B.Sc.DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE  
EXAMINATIONS, FEBRUARY 2023**

**First Semester**

B.Sc Apparel and Fashion Design Model III

**Complementary Course - AF1CMT01 - FABRIC SCIENCE**

2017 Admission Onwards

181C0D9D

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is the role of styles and colours in a man's clothing?
2. Define properties of flax fiber.
3. Explain the properties of rayon.
4. Explain the advantages open spinning.
5. What are fancy yarns ?give any two examples.
6. Define Basket weave.
7. What is purl fabric?
8. Give a short note on laces.
9. Differentiate singeing and gassing.
10. What is wrinkle free finishes?
11. Explain about any two synthetic dyes.
12. What is beam dyeing?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Discuss the importance of blending of natural fibers with man-made fibers.
14. Explain the uses of Jute.
15. Explain the impact of twist on yarns.
16. Write a note on three basic weaves.
17. Write about the comparison of knitting with weaving.
18. List down the differences between gray fabric and finished fabric.
19. Explain hydrophilic finish and anti-pilling finishes.
20. What is colouration and types of colouration?
21. Briefly explain discharge printing.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Describe briefly the production ,properties and uses of glass fibres.
23. Write a detailed note on weave classification.
24. Draw the classification chart of finishes and explain each finish in detail.
25. Explain about dyeing and methods of dyeing.

(2×15=30)

